

INTEREST TO MINERS.

Copper By-products Generally Sufficient to Pay.

In an article on the relation of by-products to cost of copper production the Engineering and Mining Journal calls attention to a fact not sufficiently generally known, which is that if we were dependent for our supply of copper on copper mines, pure and simple, we would have to pay much higher prices for the metal. "For this reason," as the Journal fittingly observes, "it is appropriate to ascertain the margin between cost of production and selling value, including the profit derived from sale of by-products."

This, says the Los Angeles Mining Review, is a subject of the greatest interest to the owners of copper mining properties in Arizona, and other portions of this southwestern region. It is now pretty well known that the copper ores in Arizona contain a large percentage of gold, silver and lead, which would, in the majority of cases, be more than sufficient to pay all the expenses of working the mines, leaving the copper a net profit. And as Arizona is increasing its production of copper in a much greater ratio than Michigan and Montana, it stands to reason that with such increased production combined with the large proportion of valuable by-products in the ore that copper will be produced at lower prices in Arizona than can be produced in either of the two states mentioned, while at the same time yielding larger profits to the owners.

The territorial board of equalization has raised the assessment value of cattle in Mohave county over \$24,000, making the total assessment of the county over \$1,300,000. This is an increase of \$300,000 over 1895. The tax levy, for the first time in the history of the county, will be below three cents.

Gen. Nelson A. Miles.

Gen. Miles has gained favor with the people as a result of their observation of his course during the war. No one, however, who remembers his brilliant record in the war of the rebellion or who recalls his dashing campaigns against hostile Indians will be surprised that the general commanding the army has shown himself competent in the highest degree.

It is a pity that his advice and suggestions were not heeded more by the war department. Where Miles has had his way things have been well managed. His campaign into Puerto Rico undoubtedly would have been attended with brilliant success had it not been cut short by peace.

Gen. Miles has done his work well in every respect. His dispatches have been replete with information and things have moved wherever his hand was placed. When he was at Santiago he showed no disposition to interfere with Gen. Shafter, who ran as below him, nor to take to himself any credit for what that officer had accomplished.

Gen. Miles probably would have won fame as a great leader if this war had been big enough to give him a chance. As it is, he has the thanks and confidence of the people. —Chicago Record.

Arizona Cattle.

The following table shows the number of cattle and horses in each county in the Territory:

COUNTY	CATTLE	HORSES
Apache	8,308	2,493
Cochise	64,063	5,001
Coconino	18,794	3,630
Graham	64,825	3,600
Gila	42,757	4,048
Maricopa	24,213	4,458
Mohave	25,705	2,377
Navajo	7,922	2,412
Pima	56,781	5,374
Pinal	26,274	2,057
Yavapai	56,061	6,403
Yuma	837	424
Total	397,240	40,188